



# International Society for Concrete Pavements

ISCP e-Newsletter

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**MENU**

What's New at ISCP

ISCP Corporate Member Profile: NCPTC

Industry Notes

Research News

Honorary Member Profile

Upcoming Events

**CORPORATE MEMBERS**



## What's New at ISCP

### ISCP Board Designates IJPE as Society Journal

At their July 11 meeting, the ISCP Board of Directors voted in favor of designating the International Journal of Pavement Engineering (IJPE) as the journal of the ISCP. In debating this topic, it was the general consensus of the Board that the resources required to develop and maintain an academically credible, peer-reviewed journal are beyond those available to the ISCP and that ISCP members (and the concrete pavement engineering community) would be better served by supporting a journal that is operated by a recognized leader in the journal publishing industry.

The IJPE is published by the Taylor and Francis Group (UK) and is dedicated to the publication of cutting edge research and development in pavement-related structures and facilities, including advanced analytical and computational techniques, pavement mechanics, laboratory techniques, non-destructive testing, innovative design approaches and their implementation, construction, performance, maintenance and rehabilitation techniques. It is the aim of the IJPE editors and publishers to provide a journal that is a definitive resource for the international pavement engineering community.

The IJPE has shown very strong growth since its inception, both in terms of subscribers and measurable online usage statistics. For example, the download of papers has increased fourfold over the past two years, downloads of abstracts have increased eightfold in the same time period, and subscriptions have increased steadily.

The IJPE is currently published 4 times per year and is offered in both hard copy and electronic formats. ISCP members will be particularly interested in the next issue (publication expected in October, 2006), which will feature an expanded format and will be dedicated to concrete pavement-related topics.

Details concerning the IJPE can be found online at:

<http://www.tandf.co.uk/journals/titles/10298436.asp>

Effective immediately, the ISCP Editorial Committee (Dr. Neeraj Buch, Chair) will begin contacting the authors of papers that were previously submitted for inclusion in the ISCP online electronic journal for permission to forward them to the IJPE editorial board for review and publication consideration. The ISCP editorial committee will also continue to solicit new articles from ISCP members to submit to the IJPE for consideration.

ISCP is also in the process of providing the IJPE editors with the contact information for ISCP members who are willing to assist the IJPE editorial board in the review of papers. Please contact the ISCP Secretary-Treasurer to add your name to the list of reviewers.

IJPE will provide ISCP with four seats on their editorial board. Dr. Buch is soliciting nominations for these positions (as described elsewhere in this newsletter). ISCP members approved for IJPE editorial board positions will be listed (along with their professional and ISCP affiliations and the names and affiliations of other editorial board members) on the inside of the cover of future issues of the IJPE.

## Nominees Sought for IJPE Editorial Board

The ISCP Board of Directors recently voted to designate the International Journal of Pavement Engineering (IJPE) as the journal of the ISCP. ISCP and the IJPE editors hope that this new relationship will result in an increase in the number of concrete pavement-related articles that appear in the IJPE. To aid in the review of these articles, the editors and publishers of the IJPE have agreed to fill four positions on the editorial board with ISCP members (subject to IJPE's approval of the qualifications of the nominated ISCP members).

If you are interested in serving on the IJPE editorial board, please send your resume (electronic copy only) for consideration to Dr. Neeraj Buch, chairperson of the ISCP editorial committee ([buch@egr.msu.edu](mailto:buch@egr.msu.edu)) by September 6, 2006. Dr. Buch and the ISCP Executive Committee will select nominees for the IJPE editorial board and will forward them to the IJPE editors for approval, and all applicants will be advised of the results of this process when it is complete.

## Board Meetings Scheduled for Brussels, Chicago and Washington

The ISCP Board of Directors will hold a meeting (open to the general membership) at 1:00 p.m. (1100 GMT) on Monday, September 18 in the Sheraton Hotel in Brussels, Belgium just prior to the start of the 10th International Symposium on Concrete Pavements. Agenda items are expected to include the announcement of new honorary ISCP members and presentation/discussion of the ISCP member survey results.

Another open meeting of the Board will be held on Tuesday, October 24 at 8:00 p.m. CDT (0100 GMT) in Rosemont (Chicago), Illinois, USA immediately following the welcoming reception for the Long-Life Pavement Conference.

The Annual Board and Membership Meeting is tentatively scheduled for Saturday, January 20, 2007 at 5:00 p.m. EST (2200 GMT) in Washington, DC, USA in conjunction with the Annual Meeting of the Transportation Research Board.

Agenda for each of these meetings will be posted on the ISCP website ([www.concretepavements.org](http://www.concretepavements.org)) approximately 2 weeks prior to the meetings. The minutes of previous meetings are also available on the website.

## ISCP Member Survey Results Available

The evaluation of the responses to ISCP Member Survey (which was conducted over the last few months) is still underway, but a summary of selected responses to some of the more important questions concerning the future of our Society can be found on the ISCP webpage ([www.concretepavements.org](http://www.concretepavements.org)). The results and implications of this survey will be discussed at upcoming Board meetings and a summary of the final results will be posted on the website when it is available.

# ISCP Corporate Member Profile: National Concrete Pavement Technology Center

The National Concrete Pavement Technology Center (CP Tech Center) was initially founded as the Center for Portland Cement Concrete Pavement Technology (PCC Center) at Iowa State University in 2000. In 2005, with the support of the American Concrete Pavement Association and others, the center was formally renamed to indicate its new national focus.

The CP Tech Center's mission is to unite key transportation stakeholders—federal and state agencies, private industry, and the research community across the country—around the central goal of advancing concrete pavement technology.

The center is founded on the guiding principles of bringing together partners to leverage funds and pool interests, extending the value of research investments for a wide range of stakeholders; facilitating

cooperation and encouraging coordination of research and technology transfer activities taking place across the country; partnering with interested universities to accomplish research priorities; and working with all interested stakeholders to build consensus, advance research priorities of common interest, and accelerate implementation of promising technologies.

For more information or questions, please contact Tom Cackler, Director, at 515-294-3230, [tcackler@iastate.edu](mailto:tcackler@iastate.edu), or visit the CP Tech Center website at [www.cptechcenter.org](http://www.cptechcenter.org).



## Industry Notes

### American Concrete Pavement Association Awards Program

The Association Awards Program honors and recognizes individuals and teams that have made extraordinary contributions to the concrete pavement industry. Awards will be presented in December during the Annual Meeting.



ACPA is now accepting nominations for the Hartmann-Hirschman Award, Outstanding Educator Award, Outstanding Government/Public Official Award, Marlin J. Knutson Award for Technical Achievement, and the Lifetime Pavement Performance Award. Nominations are due by September 1, 2006. Visit the ACPA website for more information and nomination forms at

[http://www.pavement.com/Events\\_and\\_Programs/Awards/Association\\_Awards/index.asp](http://www.pavement.com/Events_and_Programs/Awards/Association_Awards/index.asp)

### CPEF Awards Research Stipends to MSU, Arkansas Students

The ACPA Concrete Pavement Education Foundation (CPEF) announced last month the award of two stipends for 2006 to two graduate students involved in engineering research and/or material sciences research related to concrete pavement. The CPEF was established to support and fund educational activities with the purpose of advancing knowledge and fostering innovation in the design and construction of concrete pavement.



The stipend award was created by the CPEF Board of Directors in 2005 to directly support and/or supplement new or ongoing research related to concrete pavements. The CPEF is interested in rewarding research that helps advance concrete pavement practice and is open to the areas of concrete pavement design, materials optimization, innovative paving processes, improved long term performance, the understanding of concrete pavement behavior and measurements.

Two award recipients were selected from the seven proposals submitted. They are **Michael L. Wilson**, from Michigan State University, whose research focus is on quantifying the coefficient of thermal expansion of typical hydraulic cement concrete paving mixtures, and **James T. Vetter**, from the University of Arkansas, who is investigating the use of maturity meters to measure strength gain of concrete containing slag cement & fly ash cured at low temperatures. ISCP congratulates both of them on this achievement!

### The Great American Road Trip Essay Contest!



In June 2006, a national convoy retraced, in reverse, the route of the 1919 First Transcontinental Motor Train, an arduous journey of 3,250 miles from Washington, D.C. to San Francisco which included then-Lieutenant Colonel Dwight David Eisenhower. Traveling the perilous Lincoln Highway, now the route of Interstate 80, the journey forged in Eisenhower's mind the need for an interstate highway system. As President, Eisenhower would sign on June 29, 1956 the legislation that would make the Interstates a reality. Fifty years to the day later, the convoy arrived in Washington, D.C., where a media event took place near the very same Zero Milestone from which the 1919 convoy departed.

The "Great American Family Road Trip" Essay Contest is designed to promote how the U.S. Interstate highway system enables families to vacation together. It is also designed intended to encourage travelers

to recall memorable family vacation experiences – including how concrete pavements factored into those experiences – while driving across America or to a favorite vacation destination. The contest runs through September 4, 2006.

For more information or to download rules and forms, please visit

<http://www.pavement.com/road.asp>

Details on the reenactment trip can be found at

<http://www.interstate50th.org/reenactment.shtml>

## Research News

### ISCP Board Member Recognized with Best Paper Award



Board member Anna-Carin Brink of Stewart Scott International was recognized by the South African Institute of Civil Engineer's Transportation Division with the Best Paper Award for 2005. The paper's title is "Improvement of Aggregate Interlock Equation for New Mechanistic Concrete Pavement Design Method" and was co-authored by Emile Horak and Alex Visser.

She had previously received the South African Transport Conference Best Paper Award in 2004 for a paper on her thesis research. Dr. Brink can be contacted at [AnnaB@pmb.ssi.co.za](mailto:AnnaB@pmb.ssi.co.za). More information is available at

<http://www.buildnet.co.za/akani/2004/nov/05.html>

### Program Finalized for Long-Life Pavement Conference

The technical program for the INTERNATIONAL CONFERENCE ON LONG-LIFE CONCRETE PAVEMENTS has been finalized. The conference will be held in Chicago, Illinois (near O'Hare International Airport), October 25 to 27, 2006. The conference program consists of 35 peer-reviewed presentations on best practices related to long-life concrete pavements based on international and US regional experiences and practices. There will be a total of nine technical sessions and two forums. The first open forum will be on the Strategic Directions for Implementing Long-Life Concrete Pavement Technologies. The second forum, of interest to analysts and pavement design engineers, will be on Theoretical Considerations for Long-Life Concrete Pavements. The findings from the recently completed AASHTO/FHWA/NCHRP-sponsored scan of Canadian and European PCCP practices will be the focus of the Plenary Session.

The International Society for Concrete Pavements is co-sponsoring the conference. It is being organized as an activity under FHWA's Concrete Pavement Technology Program (CPTP). Other conference co-sponsors include the American Association of State Highway and Transportation Officials, American Concrete Pavement Association, Cement Association of Canada, Concrete Reinforcing Steel Institute, Illinois Department of Transportation, Portland Cement Association, and the Transportation Research Board.



A preliminary technical program brochure is available at

<http://www.concretepavements.org/llcp%20tech%20program.pdf>

For more up-to-date information on the conference, including location, registration, program, hotel, exhibitor program, co-sponsorship, and organizer contacts, please visit:

<http://www.fhwa.dot.gov/pavement/concrete/2006conf.cfm>

or contact Shiraz Tayabji at: [stayabji@ctlgroup.com](mailto:stayabji@ctlgroup.com) (phone: 410-997-0400).

## Call for Papers – IBRACON Workshop in Best Practices

As has been announced in previous ISCP newsletters, the Brazilian Concrete Institute (IBRACON) and ISCP are co-sponsoring an **International Workshop on Best Practices for Concrete Pavements** on October 21-23, 2007, in Recife, Brazil.

One of the objectives of the workshop is to share best available concrete pavement technologies with the South American audience. To achieve this goal, the conference organizers are asking ISCP members to participate in the Workshop by submitting and presenting practical and theoretical papers dealing with concrete technology, design, construction, evaluation, maintenance and rehabilitation of highway and airport concrete pavements, as well as urban roads and industrial floors. Practical papers do not need to reflect current research and may be based on the work completed in recent years.

In addition to being the site of this technical workshop, Recife is known for its beautiful beaches and exceptional diving and topside touring options, so there will be plenty of activities for visitors when the Workshop is not in session. Dr. Jose Balbo (ISCP Director), one of the organizers of this Workshop, invites all ISCP members to participate and he assures us that participants can count on warm Brazilian hospitality and wonderful food at the event.

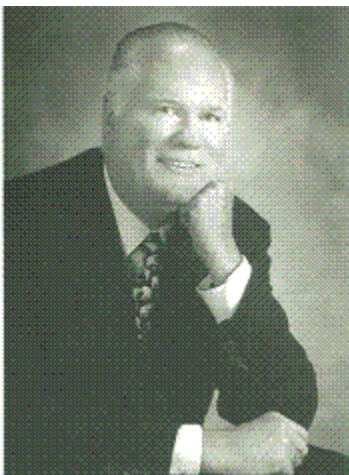


It is requested that abstracts for the workshop be submitted as soon as possible, but not later than **October 30, 2006**.

To find more information on the Workshop or to submit an abstract online, please visit the official website at:

<http://ibracon1.locaweb.com.br/eventos/pavement.workshop/informacoes.asp>

## Honorary Member Profile - Leet Denton



Leet E. Denton was born in Detroit, Michigan, USA in 1932. As one of three children, he came by his interest in highways quite honestly as both his father and grandfather worked in road construction. His father started Denton Construction in 1940 by purchasing R.D. Baker, the builder of the first mile of concrete road in the U.S. (Woodward Avenue in Detroit). Leet began working for his father at the age of 16 before attending Babson College in Wellesley, Massachusetts, where he earned a Bachelor of Science degree in Accounting.

After graduating from Babson, Leet came back to the family business, where he became President in 1975. Leet is currently the Chairman of the Board and President of Denton Enterprises, Inc. in St. Clair Shores, Michigan, a company that has, through joint ventures, participated in some of the largest highway construction projects in the United States. These projects include the reconstruction of the Eden's Expressway in Chicago, reconstruction of the Lodge Freeway in Detroit and the reconstruction of the Penn Lincoln Parkway in the Squirrel Hill Tunnel in Pittsburgh.

As President of Denton Enterprises, Leet has had direct, hands-on experience in the construction of many large, high traffic interstate highway projects in over 20 states representing the broadest possible range of construction conditions. These projects have been constructed in hot and cold climates in states from California to Virginia and from Minnesota to Florida. His construction experience includes mountainous areas in Kentucky and Pennsylvania, swamps in Louisiana, and deserts in Texas and Arizona. He is best known as a concrete paving contractor, but he also has experience in rock, earth and muck excavation, highway and airport drainage related work, asphalt paving, bridge construction, traffic maintenance, retaining walls, noise systems, and other areas of work related to the construction of large highway projects.

In addition to running his business and building roads and airfields around the country, Leet has contributed his services extensively to the concrete pavement professional community. He is currently an

elected member of the Board of Directors of the American Concrete Pavement Association (ACPA) and a member of the ACPA Executive Committee, a member of the TRB-SHRP Committee for research on improved concrete pavements, a member of the Association of General Contractors (AGC) and the Association of Road and Transportation Builders Association (ARTBA). He was a member of the TRB FHWA U.S. Tour of European Concrete Highways in 1992, the Team Leader of the TRB-SHRP Pavement Renewal for Urban Freeways Workshop, and is Past President of the Michigan Concrete Paving Association and the American Concrete Pavement Association.

As busy as he has been with concrete pavement construction and service, Leet also found time to raise a family along the way, fathering 6 children, who have given him 9 grandchildren.

In recognition of his accomplishments and contributions to the concrete paving profession, Mr. Denton was inducted into the International Society for Concrete Pavements as an Honorary Member on September 9, 2001. ISCP is proud to have Leet as an Honorary Member!

## Upcoming Events

### **6th International DUT-Workshop on Fundamental Modeling of Design and Performance of Concrete Pavements (formerly the CROW Workshop)**

September 15-16, 2006 in Priorij Consendonk , Old-Turnhout, Belgium

<http://tinyurl.com/87stb>

### **10th International Symposium on Concrete Roads**

September 18-22, 2006 in Brussels, Belgium

<http://www.concreteroads2006.org/>

### **American Concrete Institute Fall Convention**

November 5-8, 2006 in Denver, Colorado, USA

<http://www.aci-int.org/Convention/Fall-Convention/Front.asp>



### **International Conference on Long-Life Concrete Pavements**

Oct. 25-27, 2006 in Chicago, Illinois, USA

<http://www.fhwa.dot.gov/pavement/concrete/2006conf.cfm>

### **2006 International Conference on Concrete Block Paving, Sustainable Paving for Our Future**

November 6-8, 2006 in San Francisco, California, USA

[http://www.icpiconferences.org/index\\_ektid33.asp](http://www.icpiconferences.org/index_ektid33.asp)

### **8th International Concrete Conference and Exhibition "Concrete in Hot and Aggressive Environments"**

November 27-29, 2006 in Manama, Kingdom of Bahrain

<http://www.engineer-bh.com/icce/>

### **Highway Geophysics Conference**

December 4-7, 2006 in St Louis, MO, USA

<http://www.umn.edu/2006geophysics/>

### **Transportation Research Board 86<sup>th</sup> Annual Meeting**

January 21-25, 2007 in Washington, DC, USA

<http://www.trb.org/meeting/>

### **Fifth International Conference on Concrete under Severe Conditions: Environment and Loading**

June 4-6, 2007 in Tours, France

<http://www.consec07.fr/>



### **Advanced Characterization of Pavement and Soil Engineering Materials**

June 20-22, 2007 in Athens, Greece

<http://www.3dfem.org>

## XXIIIrd World Road Congress

September 17-21, 2007 in Paris, France

<http://www.paris2007-route.fr/index.php?lang=en>



### International Workshop on Best Practices for Concrete Pavements

October 21-23, 2007 in Recife, Pernambuco, Brazil

[www.ibracon.org.br/pavement.workshop](http://www.ibracon.org.br/pavement.workshop)



### 9th International Conference on Concrete Pavements

Organized by ISCP

August 2008 in the San Francisco Bay Area, California, USA

<http://www.concretepavements.org/>



### 10th International Conference on Concrete Pavements

Organized by ISCP

Tentatively scheduled for August 2012 in Montreal, Quebec, Canada

<http://www.concretepavements.org/>

If you wish to submit an upcoming conference, meeting, or call for papers for the next ISCP e-newsletter, please contact us at [newsletter@concretepavements.org](mailto:newsletter@concretepavements.org).

The ISCP Newsletter is maintained by Editor-in-Chief, Dr. Erwin Kohler, Associate Editor, Jake Hiller, and Assistant Editor, Amanda Bordelon. Suggestions for future e-newsletters are welcomed at [newsletter@concretepavements.org](mailto:newsletter@concretepavements.org).

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